

10/590085 Aeg 7/22/10

Application No. Not Yet Assigned  
Paper Dated: August 22, 2006  
In Reply to USPTO Correspondence of N/A  
Attorney Docket No. 3135-062458

Customer No. 28289

AMENDMENTS TO THE SPECIFICATION

Please insert the following section headings on amended page 1, after the title and at line 2:

-- BACKGROUND OF THE INVENTION

1) Field of the Invention --

Please insert the following section heading on amended page 1, at line 8: 6. 7/22/10

-- 2) Description of the Related Art --

Please insert the following section heading on amended page 1, at line 11: 29 7/22/10

-- SUMMARY OF THE INVENTION --

Please replace the paragraph on amended page 1, beginning at line 12, with the following replacement paragraph: 30 7/22/10

-- The invention has for its object to provide an improved device ~~of the type stated in the preamble~~ for heating liquids, with which a liquid can be heated in relatively efficient and rapid manner.

Please replace the paragraph on amended page 1, beginning at line 15, with the following replacement paragraph: 32 Aeg 7/22/10

-- The invention provides for this purpose a device ~~of the type stated in the preamble, characterized in that~~ comprising a base structure and at least one heating element connected to the base structure, wherein at least one non-linear channel structure is arranged between the base structure and the heating element for throughflow of a liquid for heating, wherein the device comprises bias-generating means to enable the base structure to connect under bias to the heating element. Application of the bias-generating means will press the base structure under bias against the heating element, whereby the formation of gaps between the heating element and the base structure can thus be prevented, as a result of which permanent connection of the strip to the heating element is enabled and de facto compensation for deformation of the heating element is allowed. The bias can herein be realized by bias-generating means, such as for instance a diaphragm spring. A diaphragm spring is particularly advantageous here in enabling a homogeneously distributed bias to be realized. The channel structure is in fact bounded and formed here by both the base structure and the heating element. Heat can thus be transferred

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route. It is however very well possible here to envisage parts of channel structure nevertheless taking a linear form, but wherein the liquid runs through the device via a labyrinthine route.

Please insert the following section heading on amended page 8 at line 15: Aeg 7/22/10

-- BRIEF DESCRIPTION OF THE DRAWINGS --

Please insert the following section heading on amended page 8 at line 15: Aeg 7/22/10

-- DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS --